PTO/SB/05 (08-03) Approved for use through 07/31/2008, OMB 0651-0032
U.S. Patent and Trademerk Office. U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION

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Attorney Docket No.	S6121-47318
First Inventor	John W. Simmons
Title	Polyimide Blends for Gas Separation Membranes
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	TRANSMITTAL	Title		Polyimide Blends for Membranes	or Gas Separation	
(Only for new	(Only for new nonprovisional applications under 37 CFR 1.53(b))		s Mail Lebel No.	EU 113 401 019 U	·	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			RESS TO:	Mail Stop Patent App Commissioner for Pa P.O. Box 1450 Alexandria VA 22313	tents	
1. Pee Transmittal Form (e.g., PTO/SB/17) (Submit en original and a duplicate for five processing) Applicant claims small entity status. See 37 CFR 1.23 3. Specification [Total Pages] 30 [Invelored arrangement set forth below) - Descripte title of the investment plantation - Descripte title of the investment plantation - Descripte title of the investment plantation - Statement Repairing Fed sponsoned R & D - Reference to sequence sitting a bable, or a computer program issting appendix - Basing counted for the investment - Basing counted for the investment - Basing counted for the investment - Basing counted for the Description - Claim(s) - Destained Description - Claim(s) - Description of the Drawlings (if fixed) - Destained Description - Claim(s) - Drawling(s) (35 U.S.C. 113) [Total Sheets)	Computer Program (Appendix) S. Nucleotide andro Amino Add Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statement venifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s))			
		11. [12. [2. [2. [2. [2. [2. [2. [2. [2. [2. [10. 37 CFR 3.73(s) Statement 11. Engine three is an assignee) 11. Copies of them there is an assignee) 12. In them there is an assignee 13. Perliminary Amendment 14. Particular of them to the three t			
specification follow Continuat	-	e box, and supply the r Sheet under 37 CFR 1	.76: urt (CIP) of pr	rior application No.:	i	
Prior application information: "Examiner Laminer Lamin						
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Name				20454		
Address				E 1 1 1 WARY OFFICE		
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Country		Telephon		Fa	×	
Name (Print/Type) Signature	Jeffrey C. Lew	Regis	tration No. (Attorne	ey/Agent) 35935 Date	A	
Ungridian 8	yan (Su)				August 15, 2003	

This collection of information's explaint by 3° CPT 1.53(b). The information is required to obtain or relain a benefit by the public which is to file (and by the USPTO) to process) an application. Coffinentiality is governed by 38 U.S. C. 122 and 75 CPT 1.14. This collection is estimated to take 12 minutes to complete including patterning-prepring, and submitting the completed application from to the USPTO. Time will vary depending upon the incrivation state. Any comments on the amount of time your require to complete mis form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Pattern and Trademark Chiefe, U.S. Department of Commerce, P.O. Box 1450, Maximold, V. 22315-1450, DN ONT STSD TESTS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Pattern Application, Commissioner for Platins, P.O. Box 1450, Alexandria, V. 22315-1450.

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 790.00

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Co	omplete if Known
Application Number	
Filing Date	08/15/2003
First Named Inventor	John W. Simmons
Examiner Name	
Group Art Unit	
Attorney Docket No.	S6121-47318

METHOD OF PAYMENT	FEE CALCULATION (continued)				
1. The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES				
indicated fees and credit any overpayments to: Deposit	Large Small				
Account	Entity Entity Fee				
Number	Fee Fee Fee Fee Fee Description	Fee Paid			
Deposit Account Name	105 130 205 65 Surcharge - late filing fee or oath				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Applicant claims small entity status.	139 130 139 130 Non-English specification				
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexaminati	on			
2. Payment Enclosed: Check Credit card Money Other	112 920" 112 920" Requesting publication of SIR prior to Examiner action				
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month				
Large Entity Small Entity	116 400 216 200 Extension for reply within second month				
Fee Fee Fee Fee Description	117 920 217 460 Extension for reply within third month				
1010 (0)	118 1,440 218 720 Extension for reply within fourth month				
101 740 201 370 Utility filing fee 750.00	128 1,960 228 980 Extension for reply within fifth month				
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal				
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal				
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing				
	138 1,510 138 1,510 Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 750.00	140 110 240 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES	141 1,280 241 640 Petition to revive - unintentional				
Fee from Extra Claims below Fee Paid	142 1,280 242 640 Utility issue fee (or reissue)				
Total Claims 17 -20** = 0 X = 0.00	143 460 243 230 Design issue fee				
Independent 2 - 3** = 0 x = 0.00	144 620 244 310 Plant issue fee	L			
Multiple Dependent =0.00	122 130 122 130 Petitions to the Commissioner				
	123 50 123 50 Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)	40.00			
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))				
104 280 204 140 Multiple dependent claim, if not paid	149 740 249 370 For each additional invention to be				
109 84 209 42 ** Reissue independent claims over original patent	examined (37 CFR § 1.129(b))	 			
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)				
and over original patent	169 900 169 900 Request for expedited examination	1 1			
SUBTOTAL (2) (\$) 0.00	of a design application Other fee (specify)				
**or number previously paid, if greater: For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	40.00			
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SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Jeffrey C. Ley	Registration No. 35935 (Attorney/Agent)	Telephone	302 475-7919	
Signature	Jeffy Cifley		Date	15 Auc 2003	

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

JOHN W. SIMMONS et al.

Serial No.: Filed: Not yet known

For:

August 15, 2003

POLYIMIDE BLENDS FOR GAS SEPARATION MEMBRANES

CERTIFICATE OF MAILING BY "EXPRESS MAIL

Express Mail Label No. EU113401019US

MS Patent Application Commissioner for Patents PO Box 1450 Alexandria VA 22313-1450

I, the undersigned, hereby certify that this and the attached papers and fees listed below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR \$1.10 and are addressed to MS PATENT APPLICATION, COMMISSIONER FOR PATENTS PO BOX 1450, ALEXANDRIA VA 22313-1450 on this date: August 15, 2003.

Utility Patent Transmittal - 1 page

Specification - 30 pages

Declaration and Power of Attorney - 1 pages

Application Data Sheet - 3 pages

Information Disclosure Statement - 3 pages

Copy of information cited in Information Disclosure Statement 7 references

Assignment of Patent Application - 2 pages

Assignment form record cover sheet - 1 page

Fee Transmittal form - 1 page

Check No. 1944 in amount of \$750 in payment of application filing fee.

Check No. 1945 in amount of \$40 for recording the assignment.

Form Authorizing Charge/Credit to Deposit Account - 1 page

This Certificate of Express Mail

Return receipt post card

Respectfully submitted,

Date: August 15, 2003

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